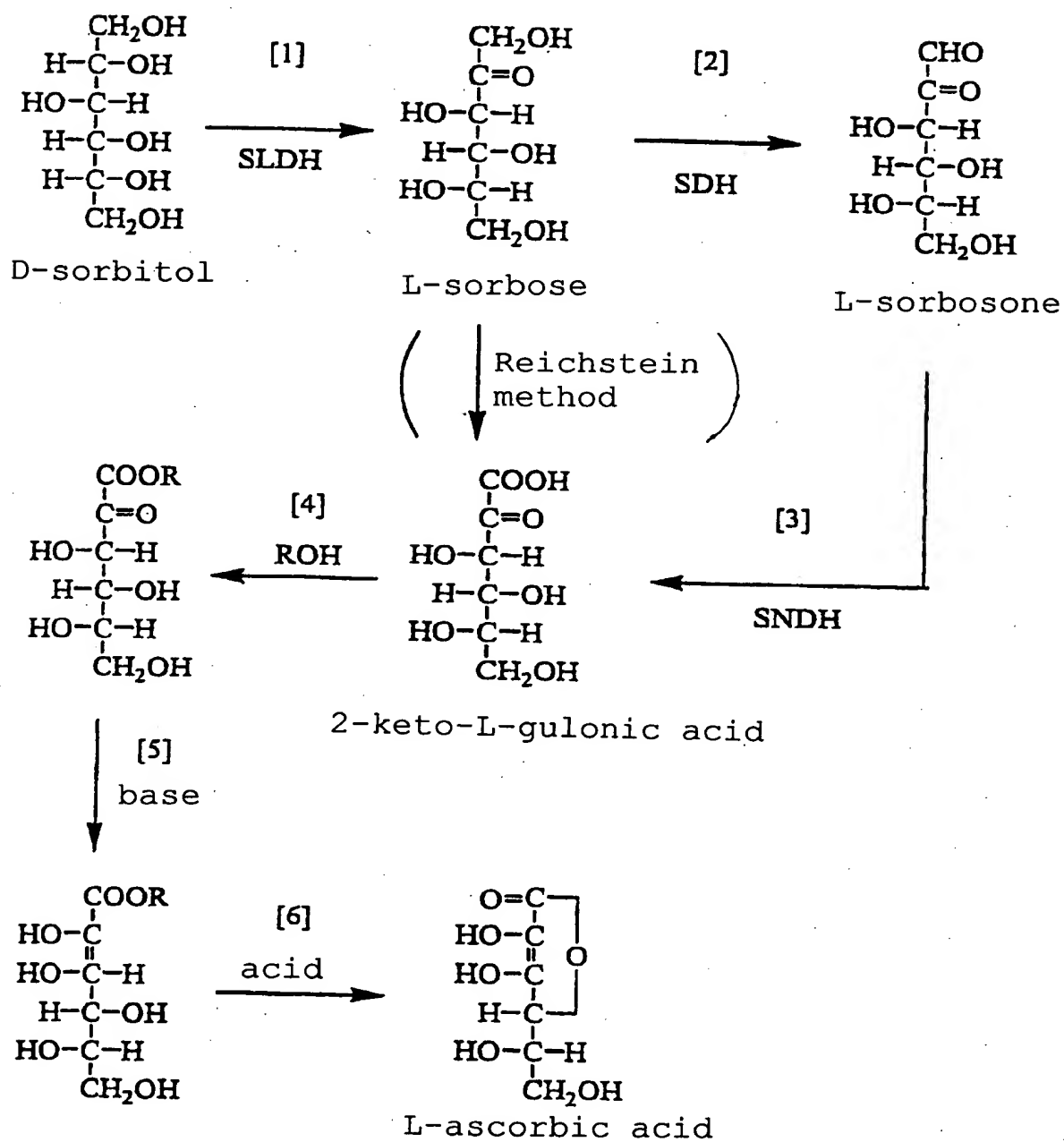


FIG. 1



The diagram illustrates the structure of two plasmid constructs, pUCP19-B7SX2 and pUCP19-HC, and their relationship to a common template. A 1 kb scale bar is provided for reference.

**pUCP19-B7SX2 (Top Construct):**

- Restriction sites (from left to right): Hind III, Sph I, Xba I, Eco RI, Eco RI, Eco RI, Eco RI, Hind III.
- Scale: 1 kb.

**pUCP19-HC (Bottom Construct):**

- Restriction sites (from left to right): Hind III, Sph I, Pst I, Xba I, Eco RI, Eco RI, Eco RI, Eco RI, Eco RI, Bgl II, Pst I, Sph I, Sph I, Pst I, Hind III, Xba I, Eco RI.
- Central region: SLDH (indicated by an arrow pointing right).
- Scale: 1 kb.

**Genetic Organization and Mapping:**

- The constructs are divided into three main regions: S1, ES, and E1.
- S1:** Contains the Hind III, Sph I, Xba I, and Eco RI sites.
- ES:** Contains the Pst I, Sph I, Sph I, Pst I, Bgl II, and Eco RI sites.
- E1:** Contains the Eco RI, Eco RI, Eco RI, Eco RI, Eco RI, Bgl II, Pst I, Sph I, Sph I, Pst I, Hind III, Xba I, and Eco RI sites.
- Additional sites (SL1, SL2, SL3, SL4, SL5, SL6, SL7, SL8, SL9, SL10, SL11) are indicated by arrows pointing to specific locations on the constructs.

FIG. 3

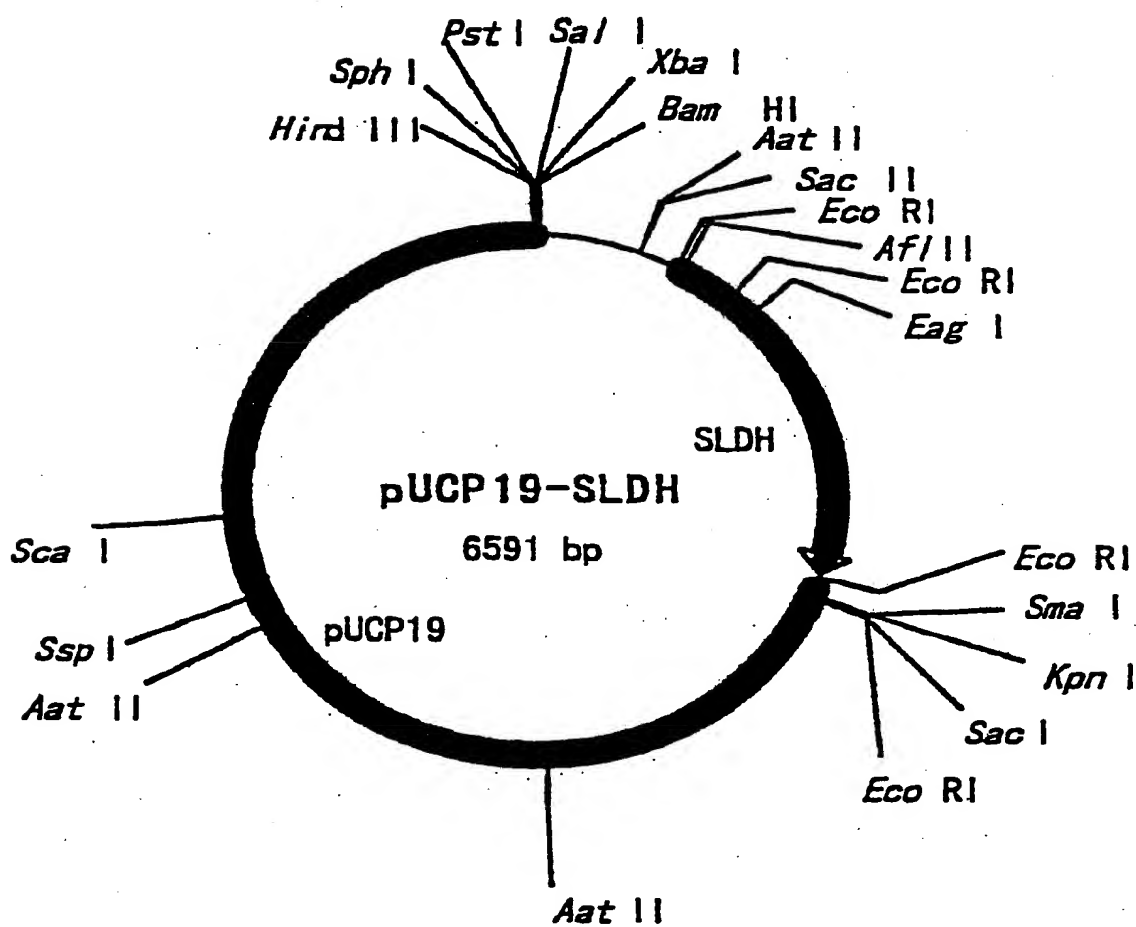


FIG. 4

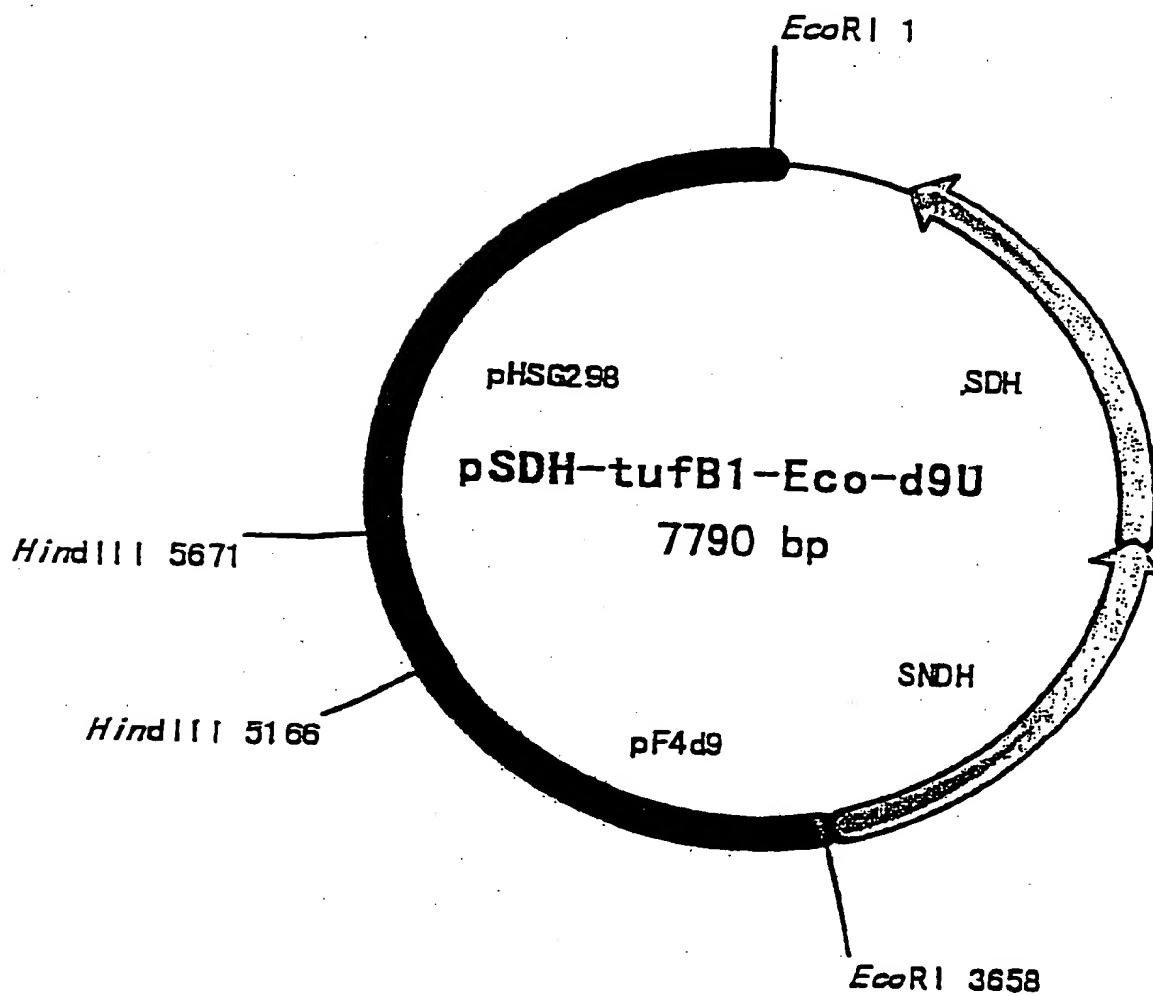


FIG. 5

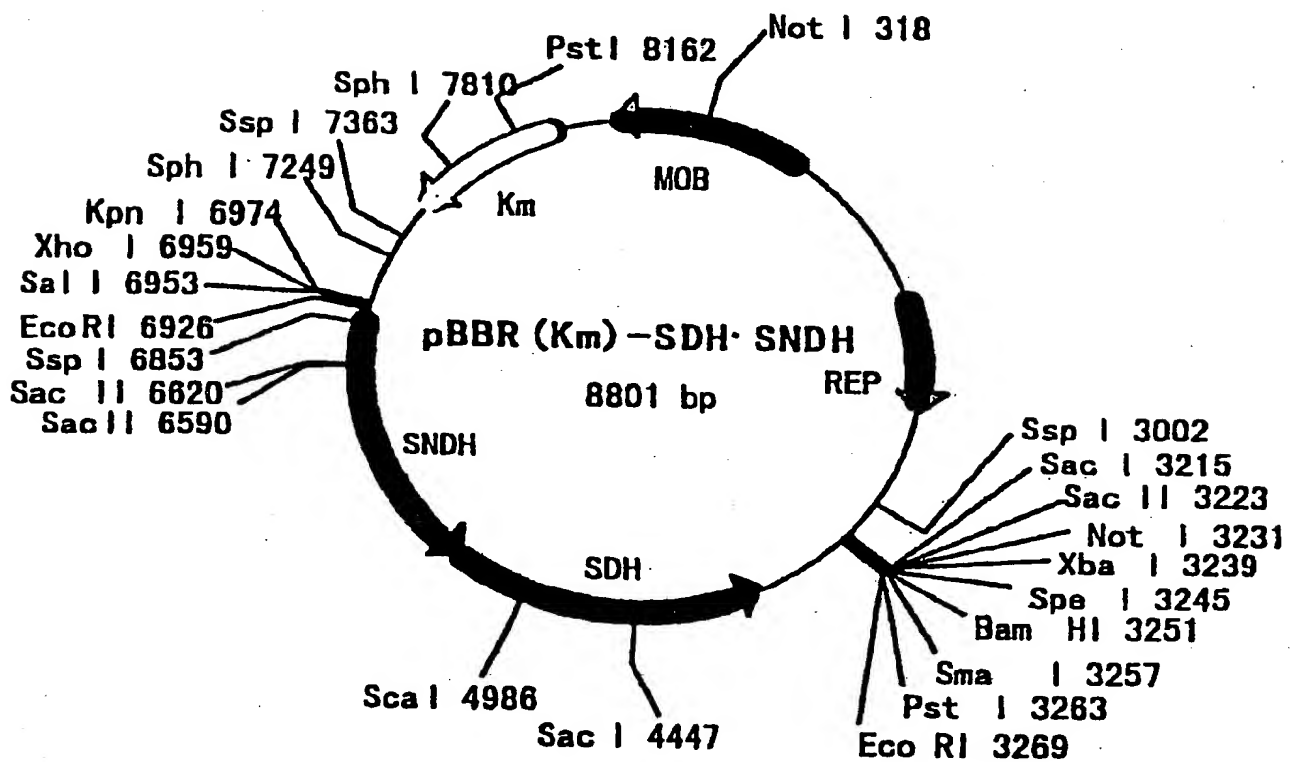


FIG. 6

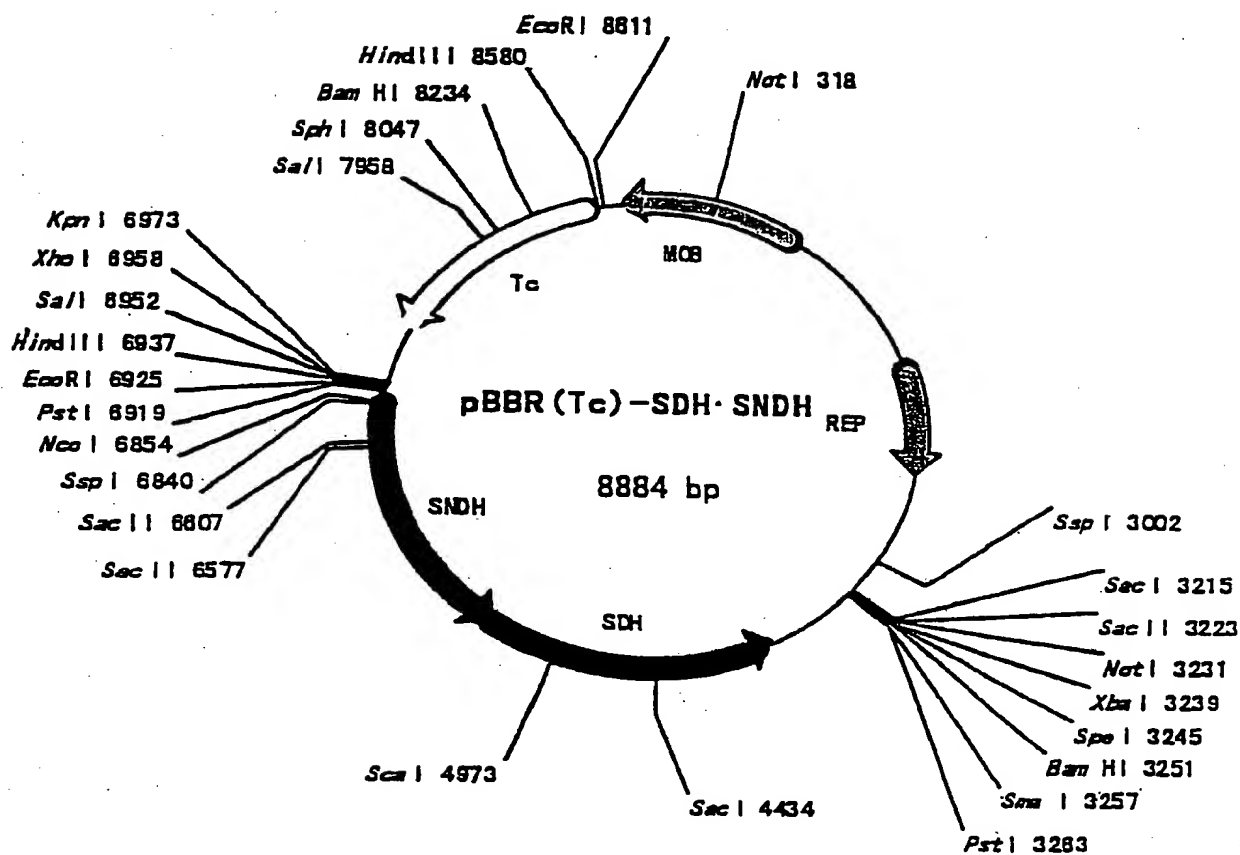


FIG. 7

